



PTO/SB/21 (08-03)

Approved for use through 08/30/2003. OMB 0651-0031

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/692,185
	Filing Date	October 23, 2003
	First Named Inventor	Steve Michael Kelly
	Art Unit	2121
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	PGS-03-20US

ENCLOSURES (Check all that apply)		
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<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>		
Firm or Individual name	E. Eugene Thigpen	
Signature		
Date	February 13, 2004	

CERTIFICATE OF TRANSMISSION/MAILING			
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Steve Michael Kelly

Serial No. 10/692,185

Filed: October 23, 2003

Title: METHOD FOR IMAGING OF  
PRESTACK SEISMIC DATA

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§  
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Group Art Unit: 2121

Examiner: Unknown

Atty Docket No. PGS-03-20US

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*E. Eugene Thigpen*  
E. Eugene Thigpen

Date: February 13, 2004

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97(b)**

Sir:

The Applicant respectfully submits herewith an Information Disclosure Statement citing copies of references (C1-C7).

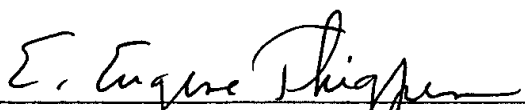
This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits.

No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. § 1.16 to 1.21 be deemed

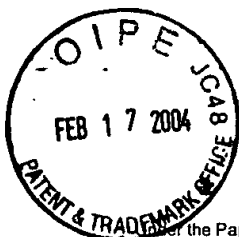
necessary for any reason the Commissioner is authorized to deduct the fees from Petroleum Geo-Services, Inc.'s Deposit Account 50-2223.

Respectfully submitted

Date: February 13, 2004

  
E. Eugene Thigpen, Reg. No. 77400

Petroleum Geo Services, Inc.  
P.O. Box 42805  
Houston, TX 77242-2805  
Direct Dial Telephone: 281-679-2288



PTO/SB/08B (04-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/692,185
Filing Date	October 23, 2003
First Named Inventor	Steve Michael Kelly
Art Unit	2121
Examiner Name	
Attorney Docket Number	PGS-03-20US

Sheet	1	of	1
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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	RESHEF, M. and KOSLOFF, D., "Migration of common shot gathers", Geophysics, (February, 1986), pp. 324-331, Vol. 51, No. 2	
	C2	JEANNOT, J., "Full prestack versus shot record migration: Practical aspects", SEG Expanded Abstracts, 1988, pp. 966-968	
	C3	WAPENAAR, C. and BERKHOUT, A., "Full prestack versus shot record migration", SEG Expanded Abstracts, 1987, pp. 761-764	
	C4	RESHEF, M., "Prestack depth imaging of three-dimensional shot gathers", Geophysics, (August, 1991), pp. 1158-1163, Vol. 56, No. 8	
	C5	JACOBS, A., "The prestack migration of profiles", Ph.D. Thesis, Stanford University, 1982, SEP-34	
	C6	CLAERBOUT, J., "Imaging the Earth's Interior", Blackwell Scientific Publications, Ltd., Oxford, UK, 1985, 1999	
	C7	VALENCIANO, A., BIONDI, B., and GUITTON, A., "Multidimensional imaging condition for shot profile migration", Stanford Exploration Project, Report SEP-111, 2002, pp. 71-80	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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